

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/565,415
Source: IFWP
Date Processed by STIC: 1/30/06

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IFWP

RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/565,415

TIME: 15:47:44

Input Set : F:\UTSG263.APP.txt

Output Set: N:\CRF4\01302006\J565415.raw

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3 <110> APPLICANT: SIMMONS, ANTHONY
4   CHEN, JIANMIN
6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR HERPES SIMPLEX PROPHYLAXIS
7   AND TREATMENT
9 <130> FILE REFERENCE: UTSG:263US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/565,415
12 <141> CURRENT FILING DATE: 2006-01-23
14 <150> PRIOR APPLICATION NUMBER: PCT/US2004/024013
15 <151> PRIOR FILING DATE: 2004-07-26
17 <150> PRIOR APPLICATION NUMBER: 60/489,984
18 <151> PRIOR FILING DATE: 2003-07-25
20 <160> NUMBER OF SEQ ID NOS: 36
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 921
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
31   Primer
33 <400> SEQUENCE: 1
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35 gacgcggccc agccggccag gcgcgcgcgc cgtacgaagc ttggtaccga gctcggatcc 120
36 gacatccaga tgaccagtc tccatcctcc ttatctgcct ctctgggaga aagagtcagt 180
37 ctacttgctc gggcaagtca ggaaattagt gcttacttaa gctggcttca gcagaaacca 240
38 gatggaacta ttaaagcct gatctaagcc gcatccactt tagattctgg tgtcccaaaa 300
39 aggttcagtg gcagtaggtc tgggtcagat tattctctca ccatcagcag ccttgagttc 360
40 gaagattttg cagactatta ctgtctacaa tatgctagtt atccgctcac gttcgggtgct 420
41 gggaccaagc tggagctggg cgggtggcga tcgggtggag gaggcagcgg aggcgggtgg 480
42 tcggtgaagc tgcaggagtc tggacctgag ctggtgaagc ctggggcttc agtgaagatg 540
43 tcctgcaagg cttctggcta caccttcaca agctcctatg tacactgggt gaagcagagg 600
44 cctggacagg gacttgagtg gattggatgg atttatcctg gacatagtag tactaagtac 660
45 aatgagaagt tcatgggcaa gaccatattg actgcggaca aatcctccag cacagcctac 720
46 atgttgctca gcagcctgac ctctgaggac tctgcgatat atttctgtac aaggcaggag 780
47 gtacgactct ggtacttcca tgtctggggc gcagggaaca cggtcaccgt ctccgcggcc 840
48 gctcgaggag ggcccgaaca aaaactcatc tcagaagagg atctgaatag cgccgtcgac 900
49 catcatcatc atcatcattg a                                     921
52 <210> SEQ ID NO: 2
53 <211> LENGTH: 306
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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59      Peptide
61 <400> SEQUENCE: 2
62 Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro
63   1           5           10           15
65 Gly Ser Thr Gly Asp Ala Ala Gln Pro Ala Arg Arg Ala Arg Arg Thr
66           20           25           30
68 Lys Leu Gly Thr Glu Leu Gly Ser Asp Ile Gln Met Thr Gln Ser Pro
69           35           40           45
71 Ser Ser Leu Ser Ala Ser Leu Gly Glu Arg Val Ser Leu Thr Cys Arg
72           50           55           60
74 Ala Ser Gln Glu Ile Ser Ala Tyr Leu Ser Trp Leu Gln Gln Lys Pro
75  65           70           75           80
77 Asp Gly Thr Ile Lys Arg Leu Ile Tyr Ala Ala Ser Thr Leu Asp Ser
78           85           90           95
80 Gly Val Pro Lys Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Tyr Ser
81           100          105          110
83 Leu Thr Ile Ser Ser Leu Glu Ser Glu Asp Phe Ala Asp Tyr Tyr Cys
84           115          120          125
86 Leu Gln Tyr Ala Ser Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu
87           130          135          140
89 Glu Leu Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
90 145          150          155          160
92 Ser Val Lys Leu Gln Glu Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
93           165          170          175
95 Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Ser
96           180          185          190
98 Tyr Val His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
99           195          200          205
101 Gly Trp Ile Tyr Pro Gly His Ser Ser Thr Lys Tyr Asn Glu Lys Phe
102          210          215          220
104 Met Gly Lys Thr Ile Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr
105 225          230          235          240
107 Met Leu Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Ile Tyr Phe Cys
108           245          250          255
110 Thr Arg Gln Glu Val Arg Leu Trp Tyr Phe Asp Val Trp Gly Ala Gly
111           260          265          270
113 Thr Thr Val Thr Val Ser Ala Ala Ala Arg Gly Gly Pro Glu Gln Lys
114           275          280          285
116 Leu Ile Ser Glu Glu Asp Leu Asn Ser Ala Val Asp His His His His
117          290          295          300
119 His His
120 305
123 <210> SEQ ID NO: 3
124 <211> LENGTH: 15
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
130      Primer

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132 <400> SEQUENCE: 3
133 tgggtgggaag atgga                                     15
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137 <211> LENGTH: 32
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
143     Primer
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146 ggtgatatcg tgaatracmca rgatgaactc tc                 32
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150 <211> LENGTH: 32
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
156     Primer
158 <400> SEQUENCE: 5
159 ggtgatatcw tgmtgaccca awtccactc tc                   32
162 <210> SEQ ID NO: 6
163 <211> LENGTH: 32
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
169     Primer
171 <400> SEQUENCE: 6
172 ggtgatatcg tkctcacycyca rtctccagca at                32
175 <210> SEQ ID NO: 7
176 <211> LENGTH: 19
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
182     Primer
184 <400> SEQUENCE: 7
185 ctgwtgttct ggattcctg                                   19
188 <210> SEQ ID NO: 8
189 <211> LENGTH: 18
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
195     Primer
197 <400> SEQUENCE: 8
198 gtgctctgga ttcgggaa                                    18
201 <210> SEQ ID NO: 9
202 <211> LENGTH: 21

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203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
208     Primer
210 <400> SEQUENCE: 9
211 tcagcttcyt gctaatacgt g                                21
214 <210> SEQ ID NO: 10
215 <211> LENGTH: 19
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
221     Primer
223 <400> SEQUENCE: 10
224 tgggtatctg gtrcstgtg                                19
227 <210> SEQ ID NO: 11
228 <211> LENGTH: 19
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
234     Primer
236 <400> SEQUENCE: 11
237 gtttcmaggt rccagatgt                                19
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 21
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
247     Primer
249 <400> SEQUENCE: 12
250 tgttttcaag gtrccagatg t                                21
253 <210> SEQ ID NO: 13
254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
260     Primer
262 <400> SEQUENCE: 13
263 ctstggttgt ctggtgttga                                20
266 <210> SEQ ID NO: 14
267 <211> LENGTH: 18
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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273      Primer
275 <400> SEQUENCE: 14
276 tgctkckctg ggttccag                      18
279 <210> SEQ ID NO: 15
280 <211> LENGTH: 20
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
286      Primer
288 <400> SEQUENCE: 15
289 taacccttga ccagcatcc                      20
292 <210> SEQ ID NO: 16
293 <211> LENGTH: 36
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
299      Primer
301 <400> SEQUENCE: 16
302 gaggtgaagc tgcaggagtc aggacctagc ctggtg    36
305 <210> SEQ ID NO: 17
306 <211> LENGTH: 22
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
312      Primer
314 <400> SEQUENCE: 17
315 aggtvmaact gcagvagtcw gg                  22
318 <210> SEQ ID NO: 18
319 <211> LENGTH: 22
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
325      Primer
327 <400> SEQUENCE: 18
328 aggtvvagct gcagvagtcw gg                  22
331 <210> SEQ ID NO: 19
332 <211> LENGTH: 18
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
338      Primer
340 <400> SEQUENCE: 19
341 actgcaggtr tccactcc                      18
344 <210> SEQ ID NO: 20

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VERIFICATION SUMMARY

DATE: 01/30/2006

PATENT APPLICATION: US/10/565,415

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Input Set : F:\UTSG263.APP.txt

Output Set: N:\CRF4\01302006\J565415.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number